L Number	Hits	Search Text	DB	Time stamp
23	22960	ALN or Alon or alno or (aluminum adj2	USPAT;	2004/06/08
		(nitride or oxynitride or oxy-nitride))	US-PGPUB	07:48
25	431	(al?sub.\$ adj1 o?sub.\$4 adj1 n?sub.\$4) or	USPAT;	2004/06/08
		(al?sub.\$ adj1 n?sub.\$4)	US-PGPUB	07:52
26	23103	(ALN or Alon or alno or (aluminum adj2	USPAT;	2004/06/08
		<pre>(nitride or oxynitride or oxy-nitride)) )</pre>	US-PGPUB	07:52
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4))		
27	12153	((ALN or Alon or alno or (aluminum adj2	USPAT;	2004/06/08
		(nitride or oxynitride or oxy-nitride)) )	US-PGPUB	07:52
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4)))		
	2254	and (semiconductor or semi-conductor)		0004/06/00
28	3354	(((ALN or Alon or alno or (aluminum adj2	USPAT;	2004/06/08
		(nitride or oxynitride or oxy-nitride)))	US-PGPUB	07:52
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4))) and (semiconductor or semi-conductor))		
		and (semiconductor of semi-conductor))		
29	106	hillock and ((((ALN or Alon or alno or	USPAT;	2004/06/08
29	100	(aluminum adj2 (nitride or oxynitride or	US-PGPUB	07:56
		oxy-nitride))) or ((al?sub.\$ adj1	05 10105	0,.90
		o?sub.\$4 adj1 n?sub.\$4) or (al?sub.\$ adj1		
		n?sub.\$4))) and (semiconductor or		
]		semi-conductor)) and gate)		
30	6630	pure adj1 (al or aluminum)	USPAT;	2004/06/08
		,	US-PGPUB	07:56
31	346	(pure adj1 (al or aluminum)) and (((ALN	USPAT;	2004/06/08
		or Alon or alno or (aluminum adj2	US-PGPUB	07:58
	1	<pre>(nitride or oxynitride or oxy-nitride)) )</pre>		
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4)))		
		and (semiconductor or semi-conductor))		
32	123	((pure adj1 (al or aluminum)) and (((ALN	USPAT;	2004/06/08
		or Alon or alno or (aluminum adj2	US-PGPUB	08:12
		(nitride or oxynitride or oxy-nitride)))		
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
ł		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4))) and (semiconductor or semi-conductor))		
İ	1	and (semiconductor of semi-conductor)))		
33	8837	and gate   hillock or electromigrat\$ or	USPAT;	2004/06/08
33	003/	electro-migrat\$ or (electro adj1 migrat\$)	US-PGPUB	08:13
34	554	((ALN or Alon or alno or (aluminum adj2	USPAT;	2004/06/08
"		(nitride or oxynitride or oxy-nitride)))	US-PGPUB	08:17
		or ((al?sub.\$ adj1 o?sub.\$4 adj1		
		n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4)))		
		and (hillock or electromigrat\$ or		
		electro-migrat\$ or (electro adj1		
		migrat\$))	1	
35	2208	sputter\$ same ((ALN or Alon or alno or	USPAT;	2004/06/08
		(aluminum adj2 (nitride or oxynitride or	US-PGPUB	08:18
ł		oxy-nitride))) or ((al?sub.\$ adj1		
		o?sub.\$4 adj1 n?sub.\$4) or (al?sub.\$ adj1		
26		n?sub.\$4)))	IICDAM.	2004/06/08
36	142	(((ALN or Alon or alno or (aluminum adj2	USPAT; US-PGPUB	08:22
	1	(nitride or oxynitride or oxy-nitride)))	05-16100	00.22
	1	or ((al?sub.\$ adj1 o?sub.\$4 adj1 n?sub.\$4) or (al?sub.\$ adj1 n?sub.\$4)))		1
	1	and (hillock or electromigrat\$ or		1 1
1	1	electro-migrat\$ or (electro adj1		
1	1	migrat\$))) and (sputter\$ same ((ALN or		
	1	Alon or alno or (aluminum adj2 (nitride		
	1	or oxynitride or oxy-nitride))) or		
	1	((al?sub.\$ adj1 o?sub.\$4 adj1 n?sub.\$4)		
		or (al?sub.\$ adj1 n?sub.\$4))))		
37	1		USPAT	2004/06/08
				08:27

38	37	(hillock or electromigrat\$ or	USPAT	2004/06/08
		electro-migrat\$ or (electro adj1		08:35
		migrat\$)) and gate and (sputter\$ with (al		ļ
		or aluminum) with (nitrogen or		
		"N.sub.2"))		
39	12	(hillock or electromigrat\$ or	US-PGPUB	2004/06/08
1		electro-migrat\$ or (electro adj1		08:33
		migrat\$)) and gate and (sputter\$ with (al		
		or aluminum) with (nitrogen or		
		"N. sub.2"))		
40	1	("5367179").PN.	USPAT	2004/06/08
1 20	-	( 000/2/0 / 1211.	051711	08:33
41	1 0	(hillock or electromigrat\$ or	EPO; JPO;	2004/06/08
**		electro-migrat\$ or (electro adj1		08:35
			DERWENT;	00:35
1		migrat\$)) and gate and (sputter\$ with (al	IBM_TDB	
		or aluminum) with (nitrogen or		
		"N.sub.2"))		L

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